

CLAIMS

1. An engineering plastic cardboard consisting of a core member, and covering member(s) covering one or both sides(s) of said core member, wherein at least said core member is made of an engineering plastic, or a polymer alloy of said engineering plastic and a thermoplastic resin, or a polymer alloy of said engineering plastic, said thermoplastic resin and a rubber-like material
2. An engineering plastic cardboard in accordance with Claim 1, wherein said engineering plastic is of one or more kind(s) of plastic(s) selected from a group of polyamide(PA), polyester(PE), polyacetal(POM), polycarbonate(PC), polyethylene terephthalate(PET), polybutylene terephthalate(PBT), polysulfone(PSF), polyethersulfone(PES), polyphenylene ether(PPE), modified polyphenylene ether(Modified PPE), polyphenylene sulfide(PPS), polyarylate(PAR), polyether-etherketone(PEEK), polyamideimide(PAI), polyimide(PI), polyetherimide(PEI), polyaminobismaleimide, methylpentene copolymer(TPX), crystalline polyester, and stereoregular polyethylene
3. An engineering plastic cardboard in accordance with Claim 1 or 2, wherein said thermoplastic resin is of one or more kind(s) of thermoplastic resin(s) selected from a group of polystyrene, polyamide and polypropylene
4. An engineering plastic cardboard in accordance with Claim 1, wherein said rubber like material is a styrenic elastomer
5. An engineering plastic cardboard in accordance with Claim 1, wherein a compatibility aid agent is further added to said polymer alloy
6. An engineering plastic cardboard in accordance with any of Claims 1 to 5 wherein said core member is a corrugated sheet
7. An engineering plastic cardboard in accordance with any of Claims 1 to 5, wherein said core member is a honeycomb material
8. An engineering plastic cardboard in accordance with any of Claims 1 to 5, wherein said core member is a molded sheet forming a number of projections
9. An engineering plastic cardboard in accordance with any of Claims 1 to 5, wherein said core member has a honeycomb body having grid structure
10. An engineering plastic cardboard in accordance with any of Claims 1 to 8, wherein said covering member is a porous material
11. An engineering plastic cardboard in accordance with any of Claims 1 to 9, wherein said covering member is made of a heat resistant material

12. An engineering plastic cardboard in accordance with Claim 11, wherein said heat resistant material is a carbon fiber and/or aramid fiber